

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121620\  
 Data File : BN013159.D  
 Acq On : 16 Dec 2020 08:56  
 Operator : CG/JU  
 Sample : L4996-18  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D2-20201208

Quant Time: Dec 16 09:58:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 16:49:20 2020  
 Response via : Initial Calibration

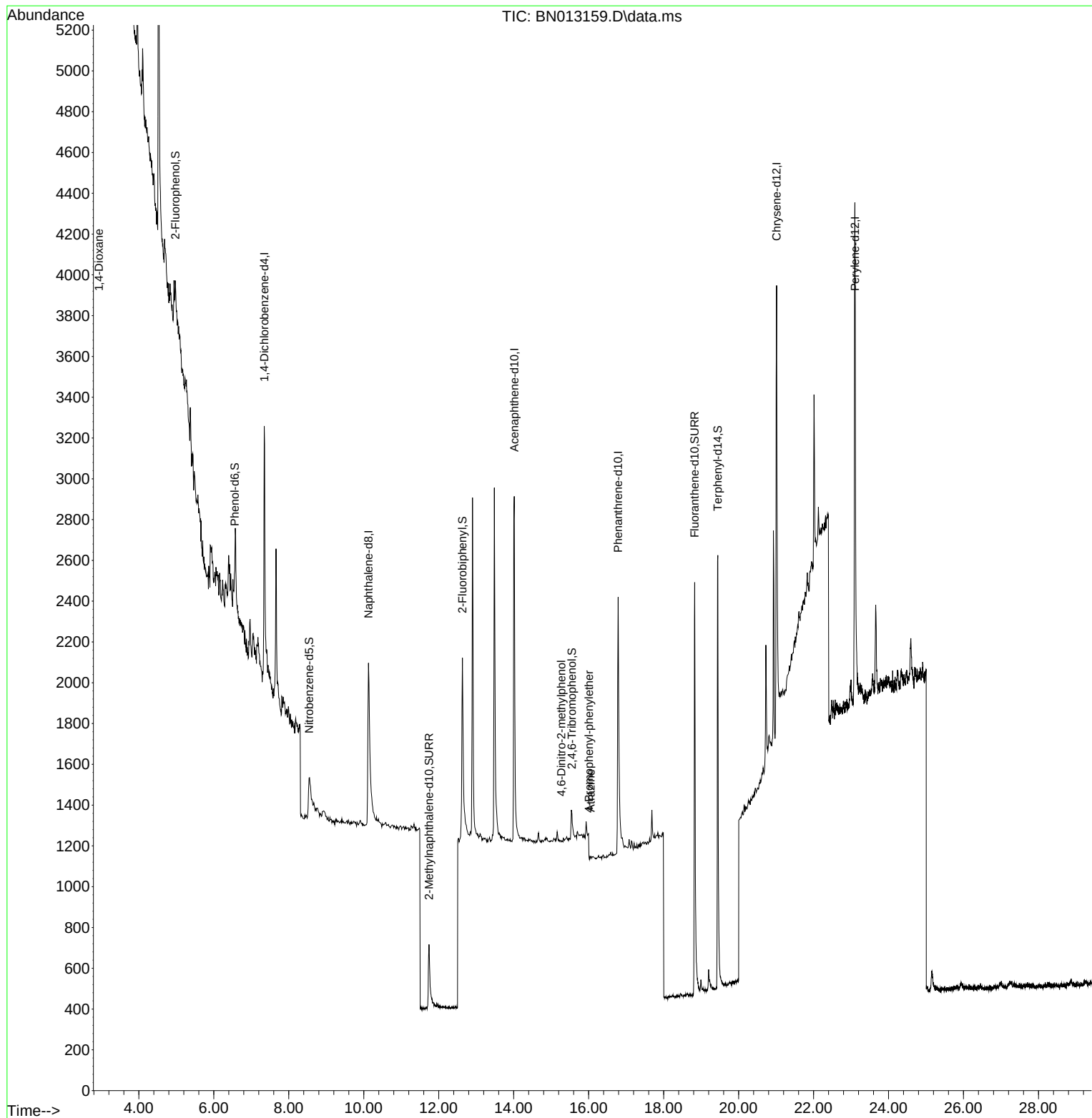
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.346  | 152  | 725      | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.125 | 136  | 2215     | 0.40  | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.016 | 164  | 1394     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.787 | 188  | 3029     | 0.40  | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.014 | 240  | 3200     | 0.40  | ng    | # 0.00   |
| 36) Perylene-d12              | 23.103 | 264  | 3681     | 0.40  | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.978  | 112  | 256      | 0.09  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.557  | 99   | 131      | 0.04  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.541  | 82   | 515      | 0.23  | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10   | 11.742 | 152  | 825      | 0.21  | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol      | 15.552 | 330  | 185      | 0.21  | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.633 | 172  | 1326     | 0.23  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.828 | 212  | 3432     | 0.34  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.444 | 244  | 3017     | 0.37  | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.933  | 88   | 8041     | 6.36  | ng    | # 94     |
| 20) 4,6-Dinitro-2-methylph... | 15.273 | 198  | 1        | 0.19  | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.008 | 248  | 169      | 0.29  | ng    | # 76     |
| 23) Atrazine                  | 16.057 | 200  | 306      | 0.17  | ng    | # 2      |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149  | 979      | Below | Cal   | 97       |
| -----                         |        |      |          |       |       |          |

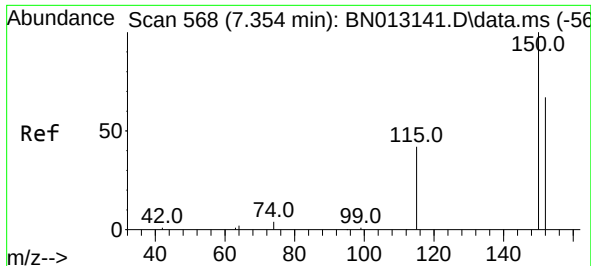
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121620\  
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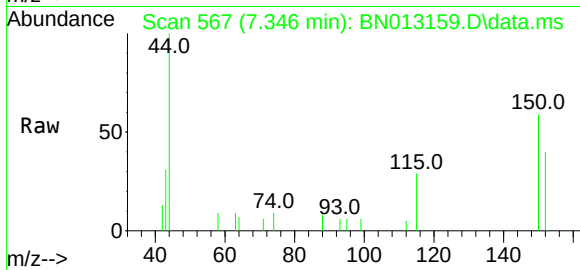
Quant Time: Dec 16 09:58:41 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 15 16:49:20 2020  
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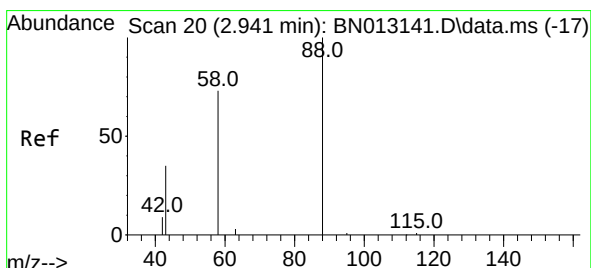
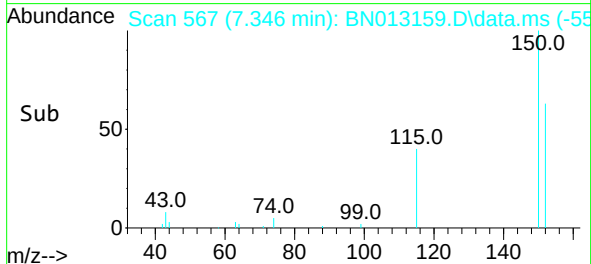
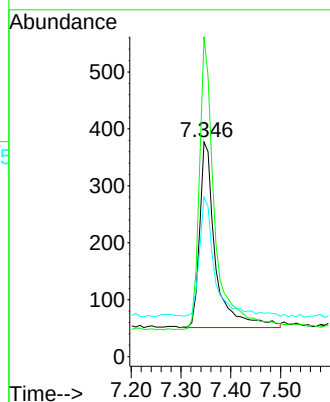


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.346 min Scan# 567  
Delta R.T. -0.008 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Instrument :  
BNA\_N  
ClientSampleId :  
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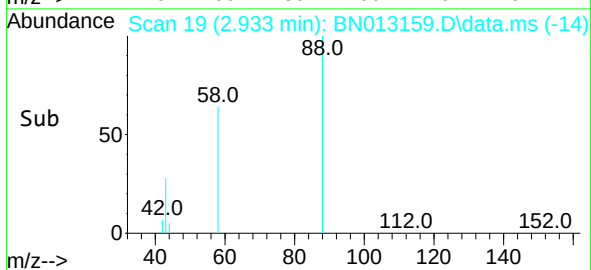
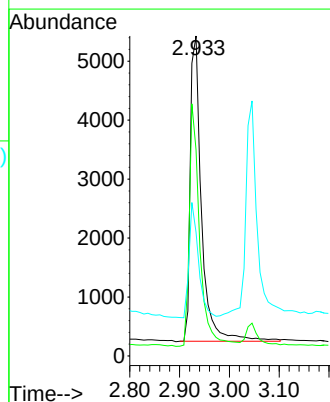
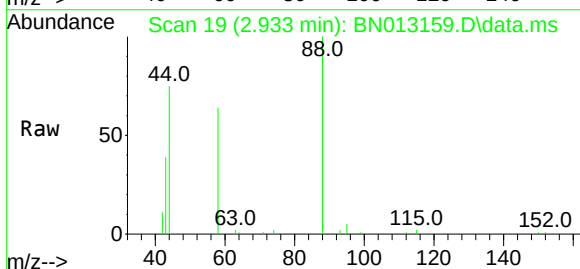


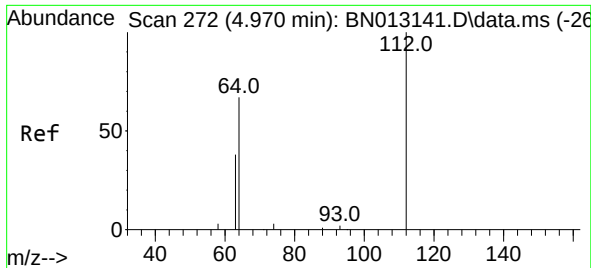
Tgt Ion: 152 Resp: 725  
Ion Ratio Lower Upper  
152 100  
150 149.1 116.6 174.8  
115 74.3 52.9 79.3



#2  
1,4-Dioxane  
Concen: 6.36 ng  
RT: 2.933 min Scan# 19  
Delta R.T. -0.008 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion: 88 Resp: 8041  
Ion Ratio Lower Upper  
88 100  
58 72.8 59.4 89.2  
43 31.5 32.3 48.5#

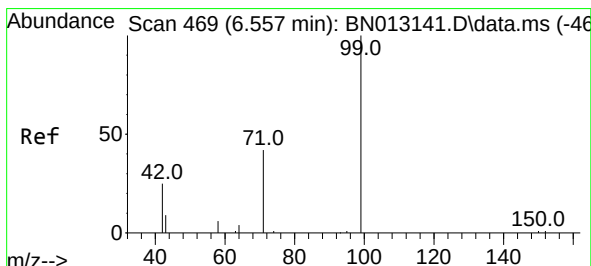
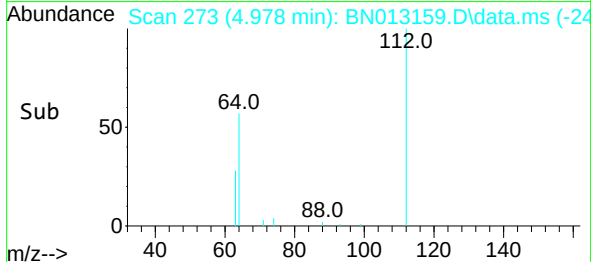
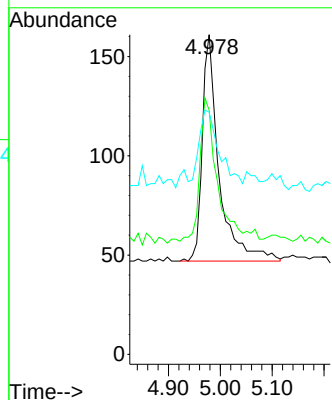
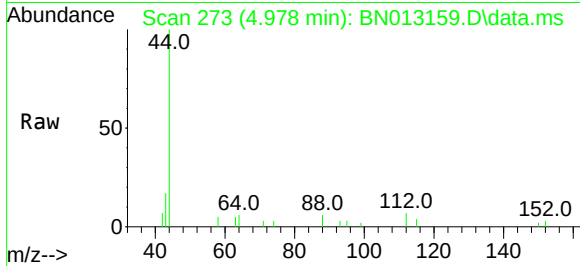




#4  
2-Fluorophenol  
Concen: 0.09 ng  
RT: 4.978 min Scan# 273  
Delta R.T. 0.008 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

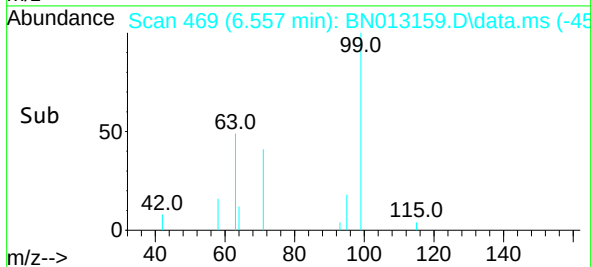
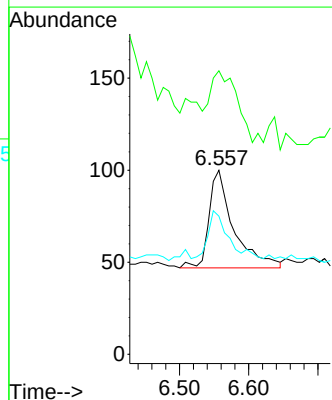
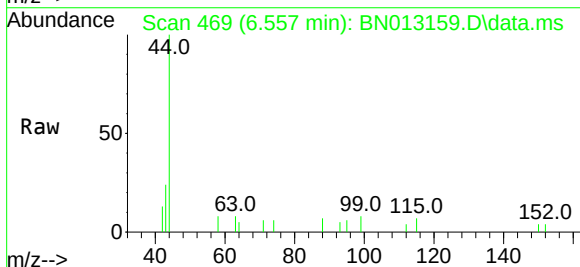
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BNA\_N  
ClientSampleId :  
RE134D2-20201208

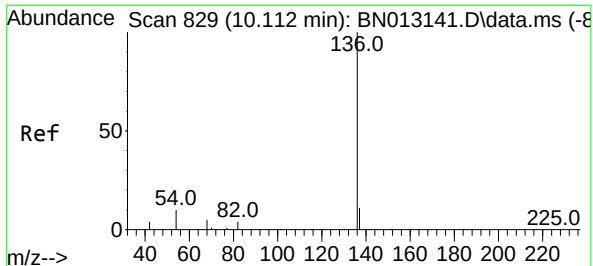
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 112   | Resp: | 256  |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 67.2  | 49.5  | 74.3 |
| 63        | 44.5  | 32.0  | 48.0 |



#5  
Phenol-d6  
Concen: 0.04 ng  
RT: 6.557 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

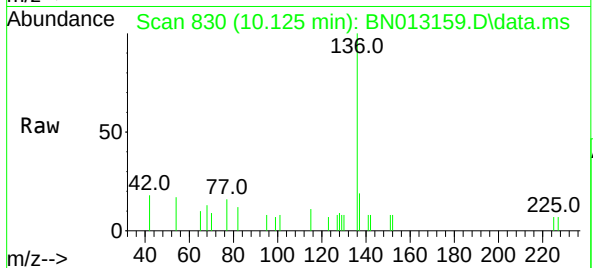
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 131   |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 81.7  | 22.4  | 33.6# |
| 71        | 42.0  | 37.8  | 56.6  |



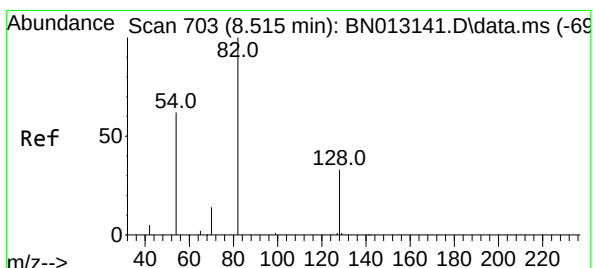
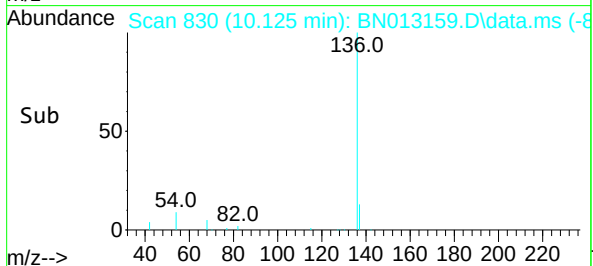
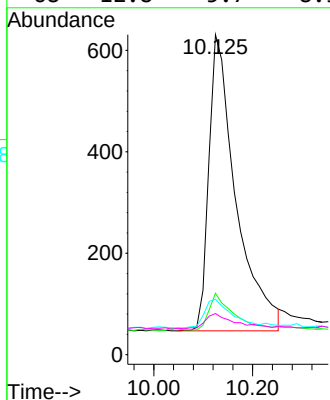


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.125 min Scan# 830  
Delta R.T. 0.013 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20201208

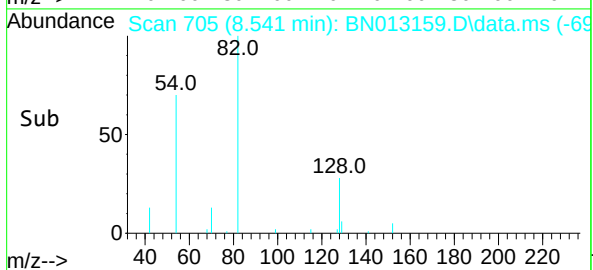
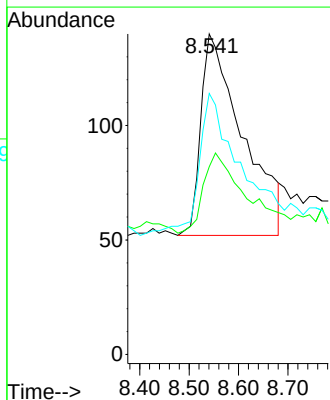
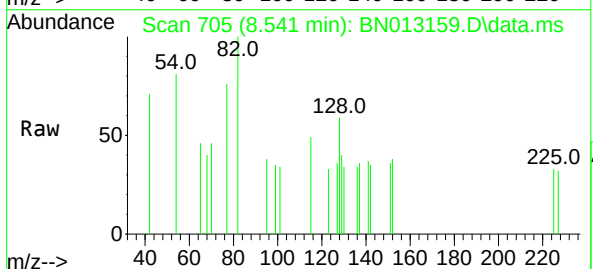


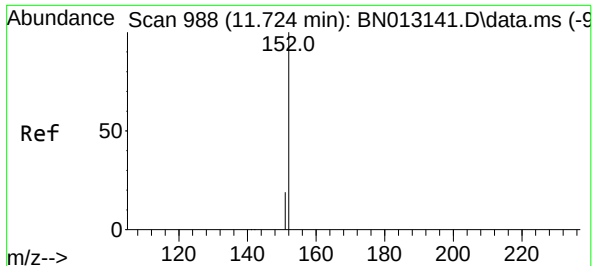
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 19.2  | 10.6  | 15.8# |
| 54      | 17.3  | 8.6   | 12.8# |
| 68      | 12.8  | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.23 ng  
RT: 8.541 min Scan# 705  
Delta R.T. 0.025 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 58.6  | 30.6  | 46.0# |
| 54      | 81.4  | 48.3  | 72.5# |

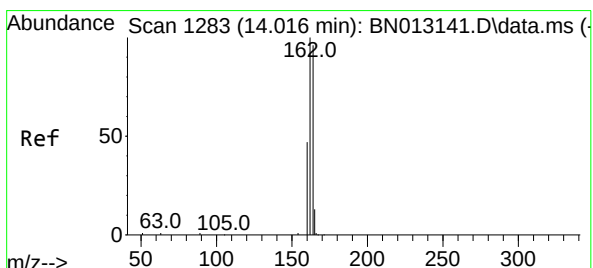
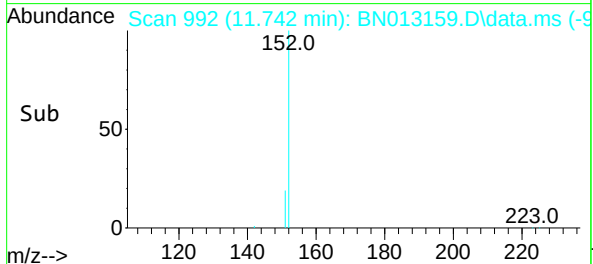
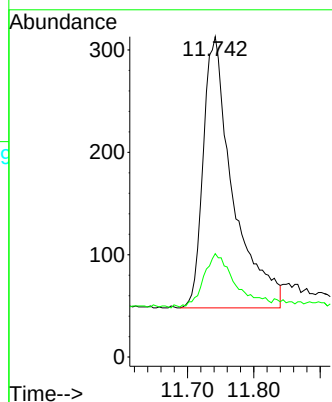
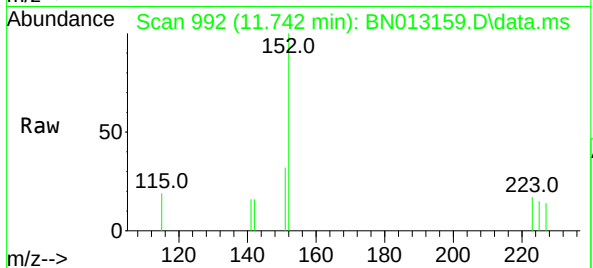




#11  
2-Methylnaphthalene-d10  
Concen: 0.21 ng  
RT: 11.742 min Scan# 992  
Delta R.T. 0.018 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

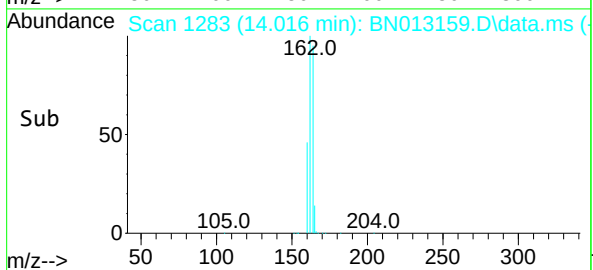
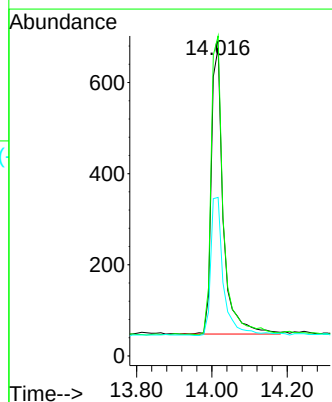
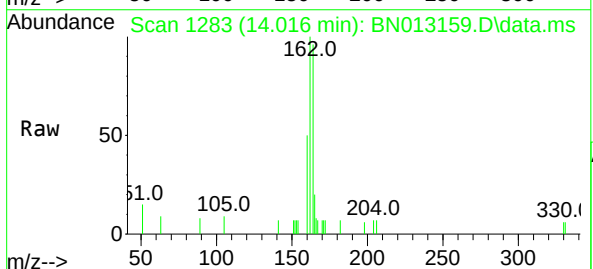
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ClientSampleId :  
RE134D2-20201208

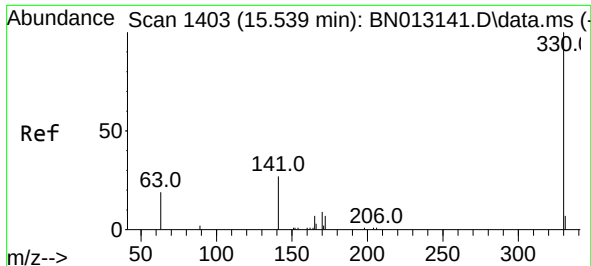
Tgt Ion:152 Resp: 825  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.016 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion:164 Resp: 1394  
Ion Ratio Lower Upper  
164 100  
162 103.8 80.6 120.8  
160 51.5 39.5 59.3

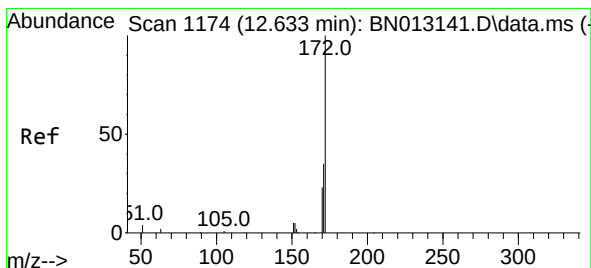
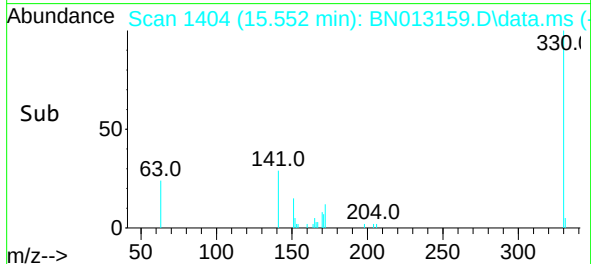
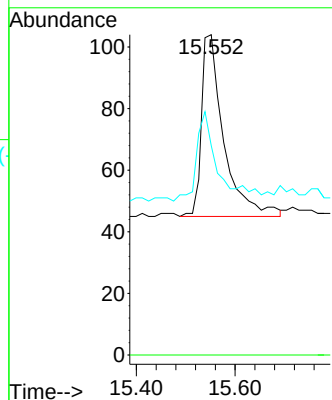
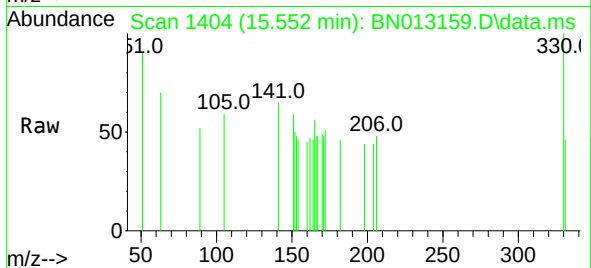




#14  
2,4,6-Tribromophenol  
Concen: 0.21 ng  
RT: 15.552 min Scan# 1404  
Delta R.T. 0.013 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

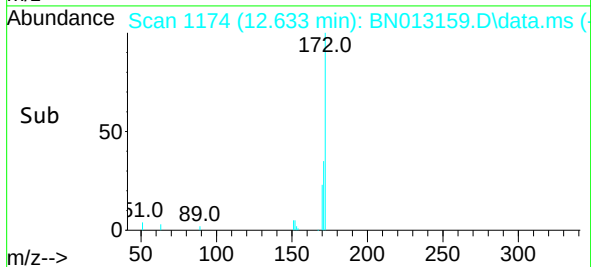
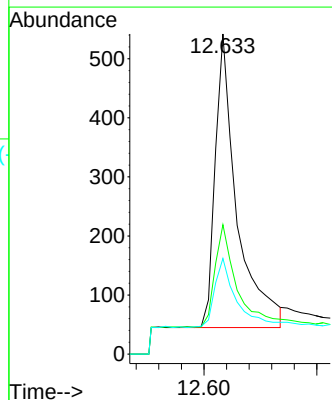
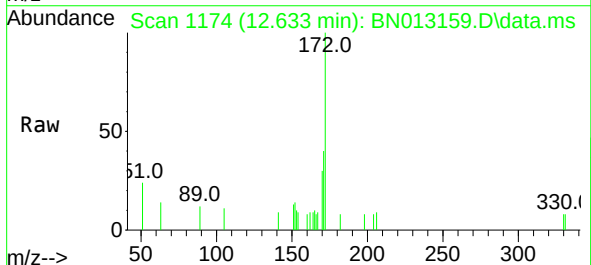
Instrument :  
BNA\_N  
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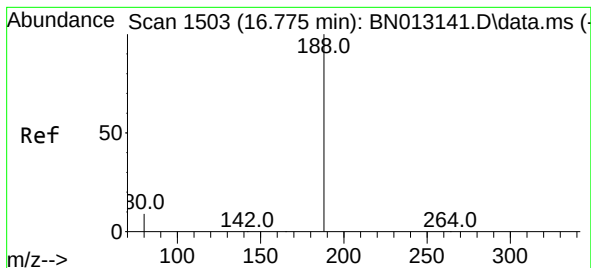
Tgt Ion:330 Resp: 185  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 41.1 34.4 51.6



#15  
2-Fluorobiphenyl  
Concen: 0.23 ng  
RT: 12.633 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion:172 Resp: 1326  
Ion Ratio Lower Upper  
172 100  
171 40.4 28.2 42.4  
170 29.9 20.0 30.0

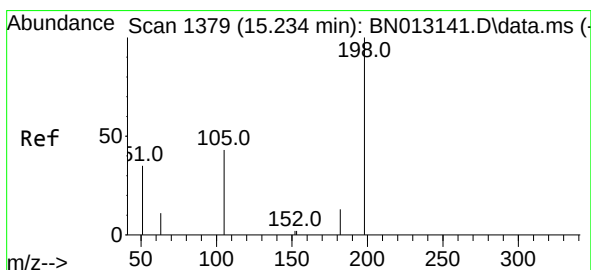
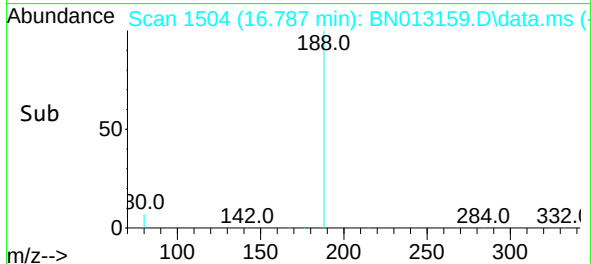
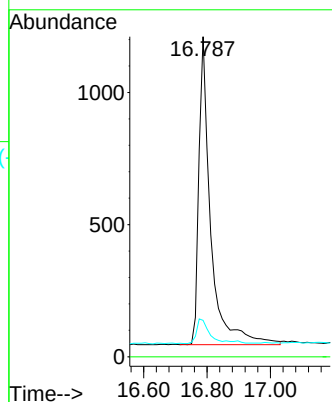
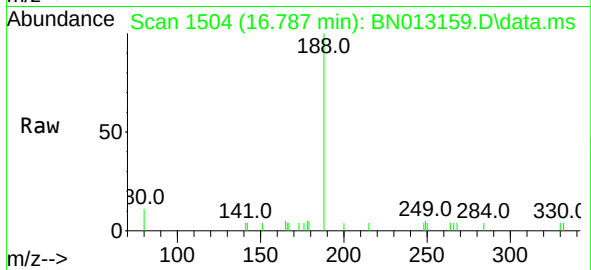




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.787 min Scan# 1504  
Delta R.T. 0.012 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

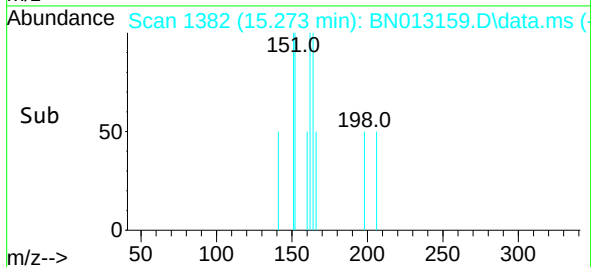
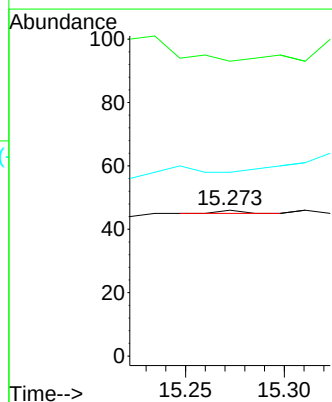
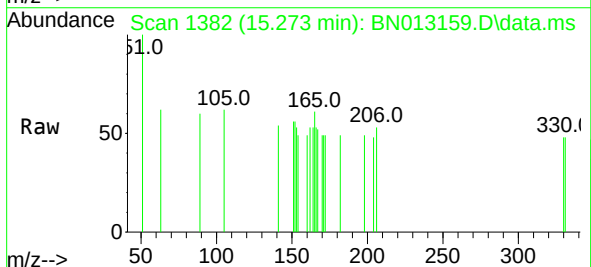
Instrument :  
BNA\_N  
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Tgt Ion:188 Resp: 3029  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.4 5.0 7.4#

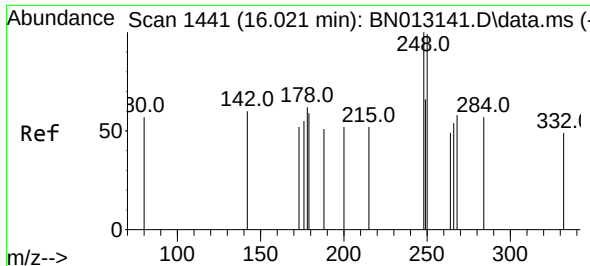


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.19 ng  
RT: 15.273 min Scan# 1382  
Delta R.T. 0.039 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 202.2 43.5 65.3#  
105 126.1 27.2 40.8#



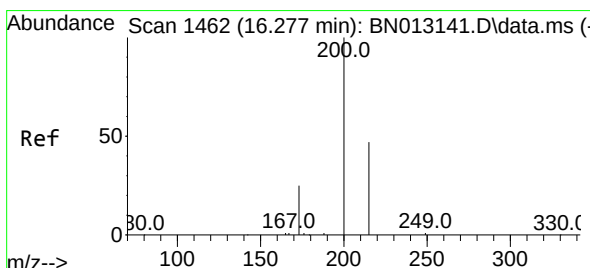
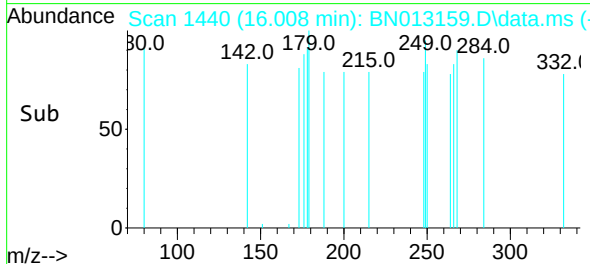
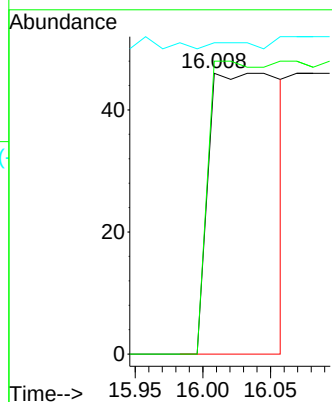
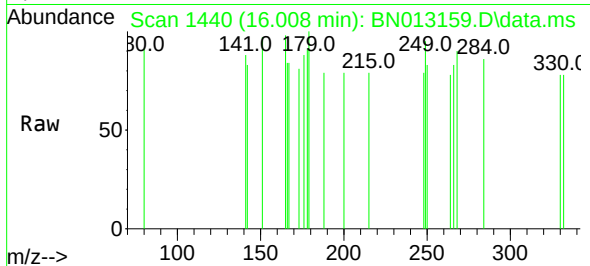




#21  
4-Bromophenyl-phenylether  
Concen: 0.29 ng  
RT: 16.008 min Scan# 1440  
Delta R.T. -0.013 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

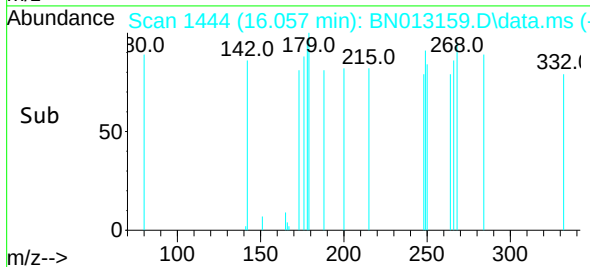
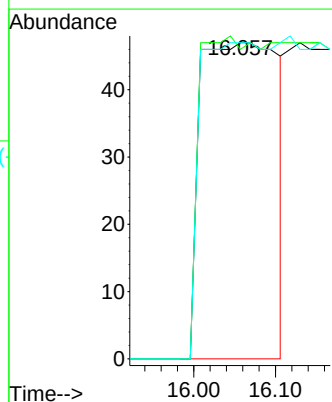
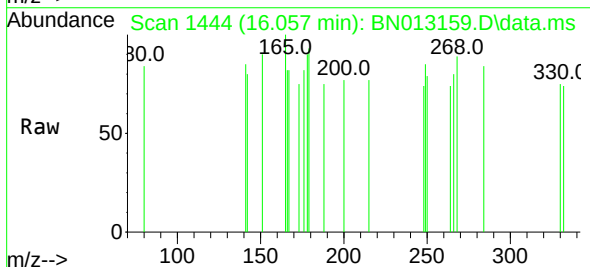
Instrument :  
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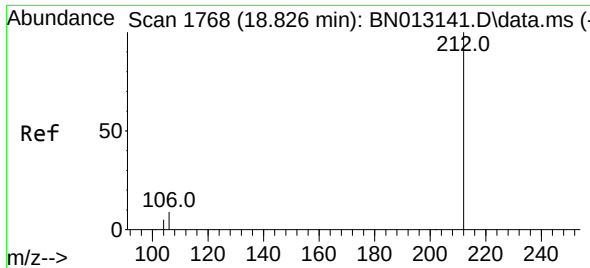
Tgt Ion:248 Resp: 169  
Ion Ratio Lower Upper  
248 100  
250 104.3 77.3 115.9  
141 110.9 57.8 86.8#



#23  
Atrazine  
Concen: 0.17 ng  
RT: 16.057 min Scan# 1444  
Delta R.T. -0.219 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion:200 Resp: 306  
Ion Ratio Lower Upper  
200 100  
173 97.9 22.8 34.2#  
215 100.0 38.1 57.1#

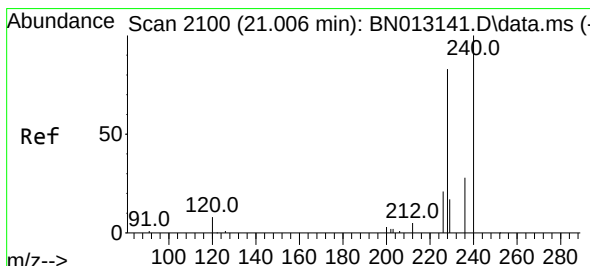
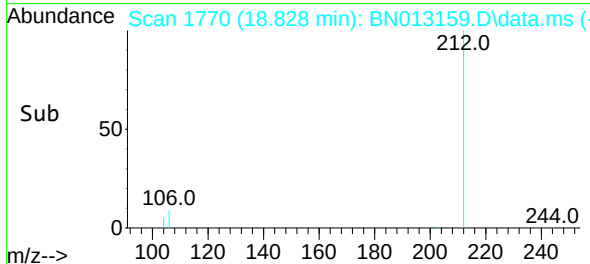
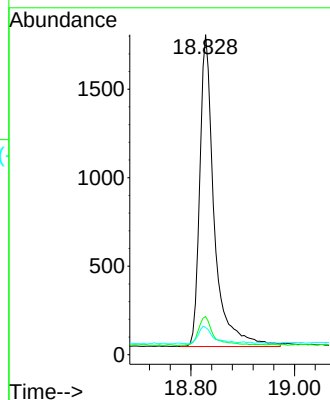
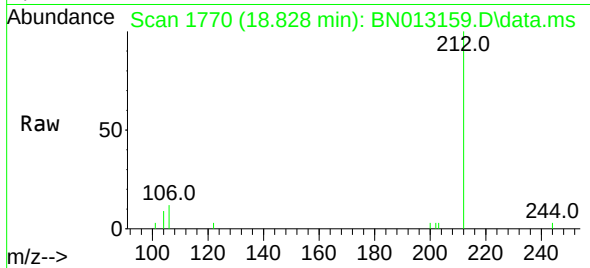




#27  
Fluoranthene-d10  
Concen: 0.34 ng  
RT: 18.828 min Scan# 1770  
Delta R.T. 0.002 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

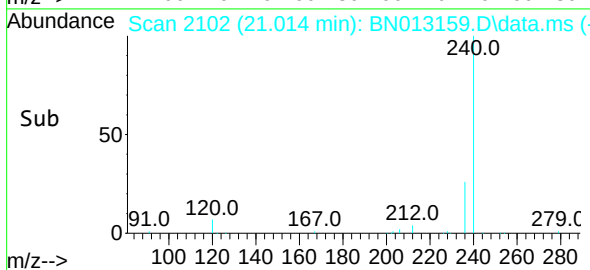
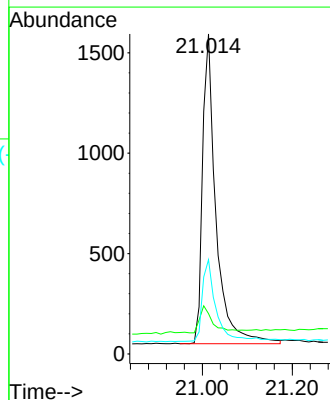
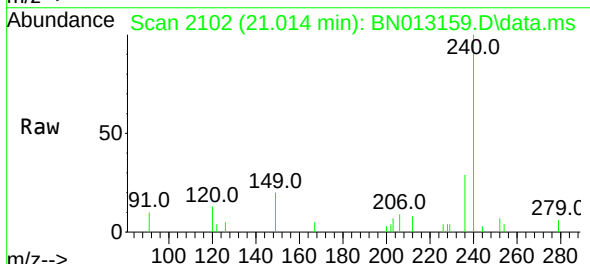
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20201208

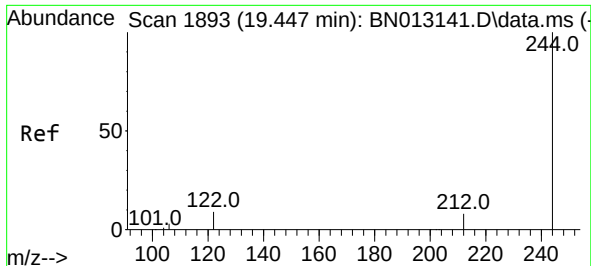
Tgt Ion:212 Resp: 3432  
Ion Ratio Lower Upper  
212 100  
106 9.8 6.8 10.2  
104 5.9 4.1 6.1



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.014 min Scan# 2102  
Delta R.T. 0.008 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Tgt Ion:240 Resp: 3200  
Ion Ratio Lower Upper  
240 100  
120 12.6 5.3 7.9#  
236 29.4 21.8 32.8

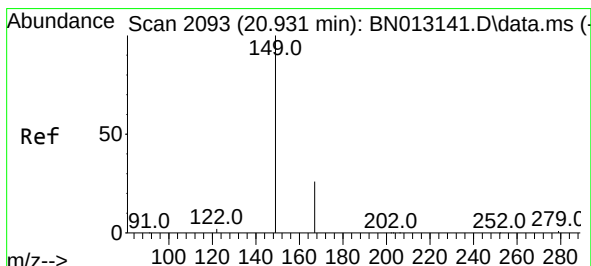
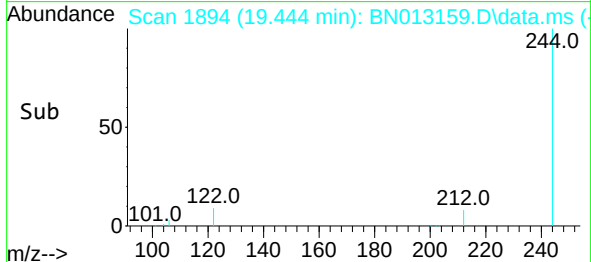
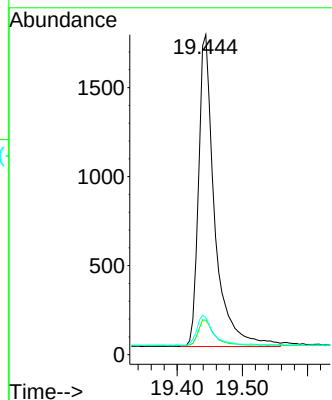
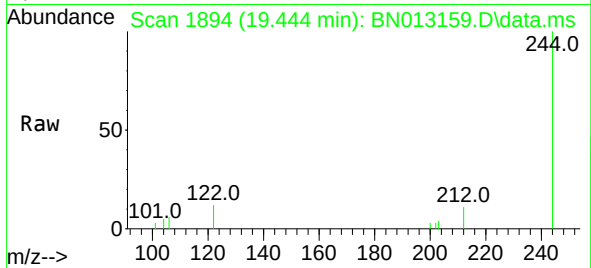




#31  
Terphenyl-d14  
Concen: 0.37 ng  
RT: 19.444 min Scan# 1894  
Delta R.T. -0.003 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

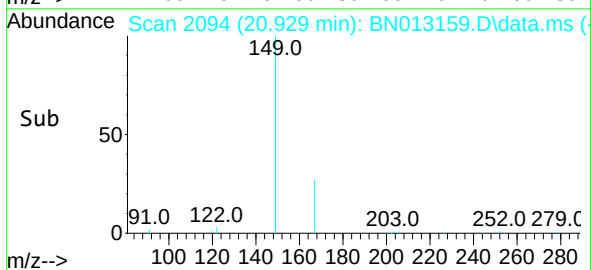
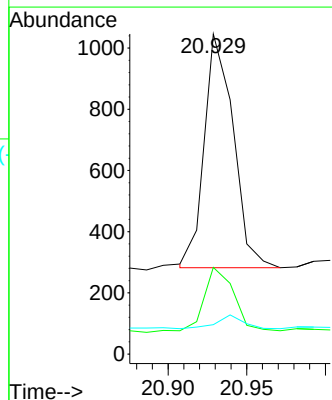
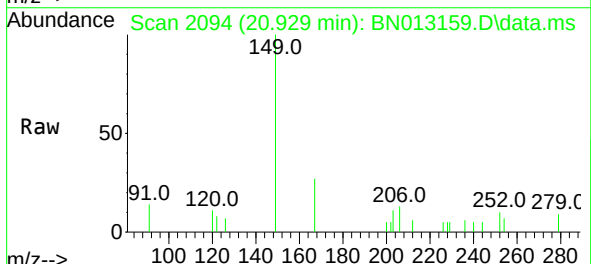
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20201208

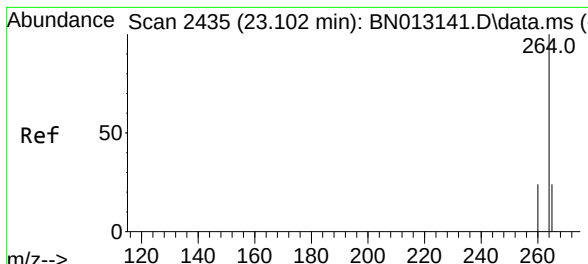
Tgt Ion:244 Resp: 3017  
Ion Ratio Lower Upper  
244 100  
212 10.7 7.3 10.9  
122 11.6 7.3 10.9#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 20.929 min Scan# 2094  
Delta R.T. -0.002 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

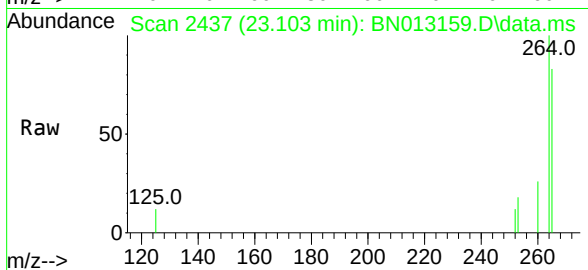
Tgt Ion:149 Resp: 979  
Ion Ratio Lower Upper  
149 100  
167 27.0 23.2 34.8  
279 5.2 3.9 5.9





#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.103 min Scan# 2437  
Delta R.T. 0.001 min  
Lab File: BN013159.D  
Acq: 16 Dec 2020 08:56

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D2-20201208



Tgt Ion:264 Resp: 3681  
Ion Ratio Lower Upper  
264 100  
260 26.2 19.8 29.6  
265 83.3 51.4 77.0#

